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JAMECO® ELECTRONICS

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# USTF8025 Series DC Brushless Fans

**USTF8025 Series**
**Size:** 3.15 in sq. x 1.0 in. thk
(80mm sq. x 25mm thk.)
**Airflow:** 29 - 36 CFM
**Acoustical Noise:** 25 - 29 dB (A)

**MATERIAL:** Frame - Black PBT (UL 94V-0)
Bearings - Ball
Impeller - Black PBT (UL 94V-0)

**WEIGHT:** 3 oz. (85g)

**TERMINATION:** Lead Wires (UL 1007, AWG24)

**OPERATION TEMPERATURE:** -10° to +70° C

**INSULATION RESISTANCE:** 10 megaohms min @ 500 VDC

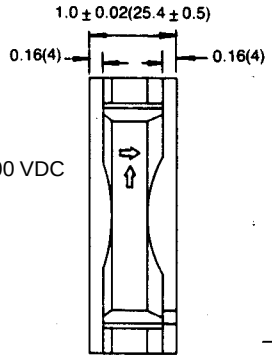
**DIELECTRIC STRENGTH:** 500 VAC for 1 min.

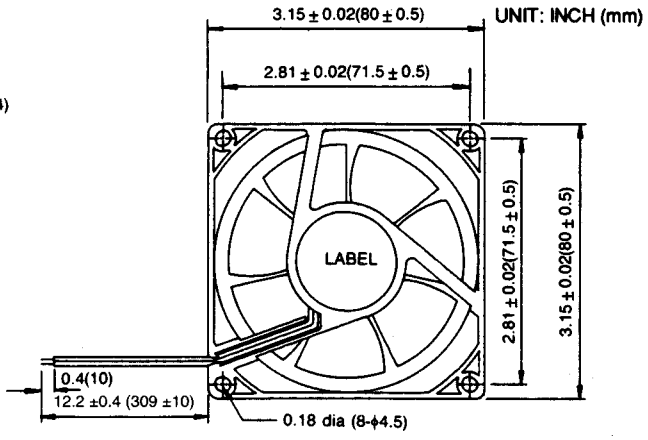
**INSULATION:** Class A

**SAFTEY:** Impedance & Polarity Protected

**SAFTEY APPROVALS:** UL, CSA & VDE

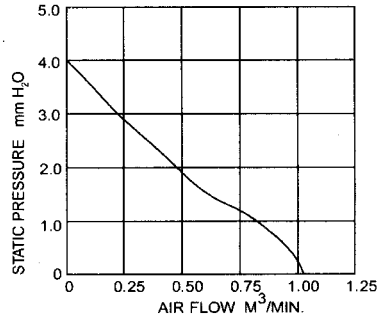
**OPERATING VOLTAGE:** 5 VDC (4.5 to 6.0) - 12 VDC (6 to 13.8)
24 VDC (14 to 27.6)



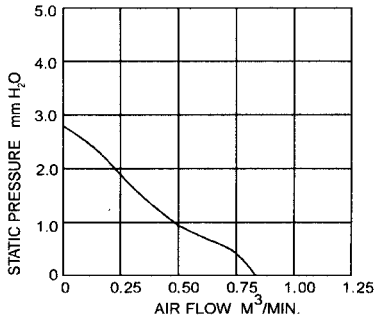




**PERFORMANCE CURVES:** (Obtained with test chamber and methods in accordance with AMCA Std. 210-74)

**USTF8025XXHW**




**USTF8025XXMW**




**SPECIFICATIONS:** (All values are typical)

| PART NUMBER | VOLTS | WATTS | AMPS | RPM | NOISE dB (A) @ 1M | CFM |
|---|---|---|---|---|---|---|
| USTF802505HW | 5VDC | 2.00 | 0.40 | 3200 | 29.0 | 36 |
| USTF802505HW | 12VDC | 2.04 | 0.17 | 3200 | 29.0 | 36 |
| USTF802505HW | 12VDC | 1.08 | 0.09 | 2600 | 24.8 | 29 |
| USTF802505HW | 24VDC | 2.4 | 0.10 | 3200 | 29.0 | 36 |
| USTF802505HW | 24VDC | 1.44 | 0.06 | 2600 | 24.8 | 29 |

MODELS AVAILABLE ON REQUEST: Failure Detector - rotation sensing
Speed Controller - heat sensing